

## Recreational Use Attainability Analysis

### Cover Sheet

Water Body Name: Ditch #8

Water Body Identification #: 3094

#### Completed UAA Checklist:

- G Pre-Field Preparatory Data Sheet
- G Maps with actual survey sites marked
- G Data Sheet A
- G Data Sheet B – 3 of 3 pages for each site
  - o Number of Sites: 9
- G Data Sheet C (if applicable)
  - o Number of Interviews: 0
- G Photographs
  - o Quantities
    - Upstream 9
    - Downstream 9
    - Other 20

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported in this UAA is true and accurate.

Signed:  Date: 07-05-06

Printed Name: CHAD E. BARDSOUR Telephone #: 410-356-8993

Organization: TETRA TECH INC. Position: SCIENTIST

**Pre-Field Preparatory Data Sheet**  
**for Recreational Use Stream Surveys**

Water Body Name: (from USGS 7.5' quad)      Ditch #8	
8-digit HUC:	Missouri Water Body Identification (WBID) #: 3094
County: New Madrid & Stoddard	
Upstream Legal Description: 36.7596524, -89.8127401	
Downstream Legal Description: 36.4809496, -89.27042	
Discharger Facility Name(s): Risco WWTF	
Discharger Permit Number(s): MO0025852	
Weather Conditions for Past 7 days:	

**Site Locations Map(s):** Attach a map of entire segment with assessment sites clearly labeled.  
Mark any other items that may be of interest.

WBID # 3094

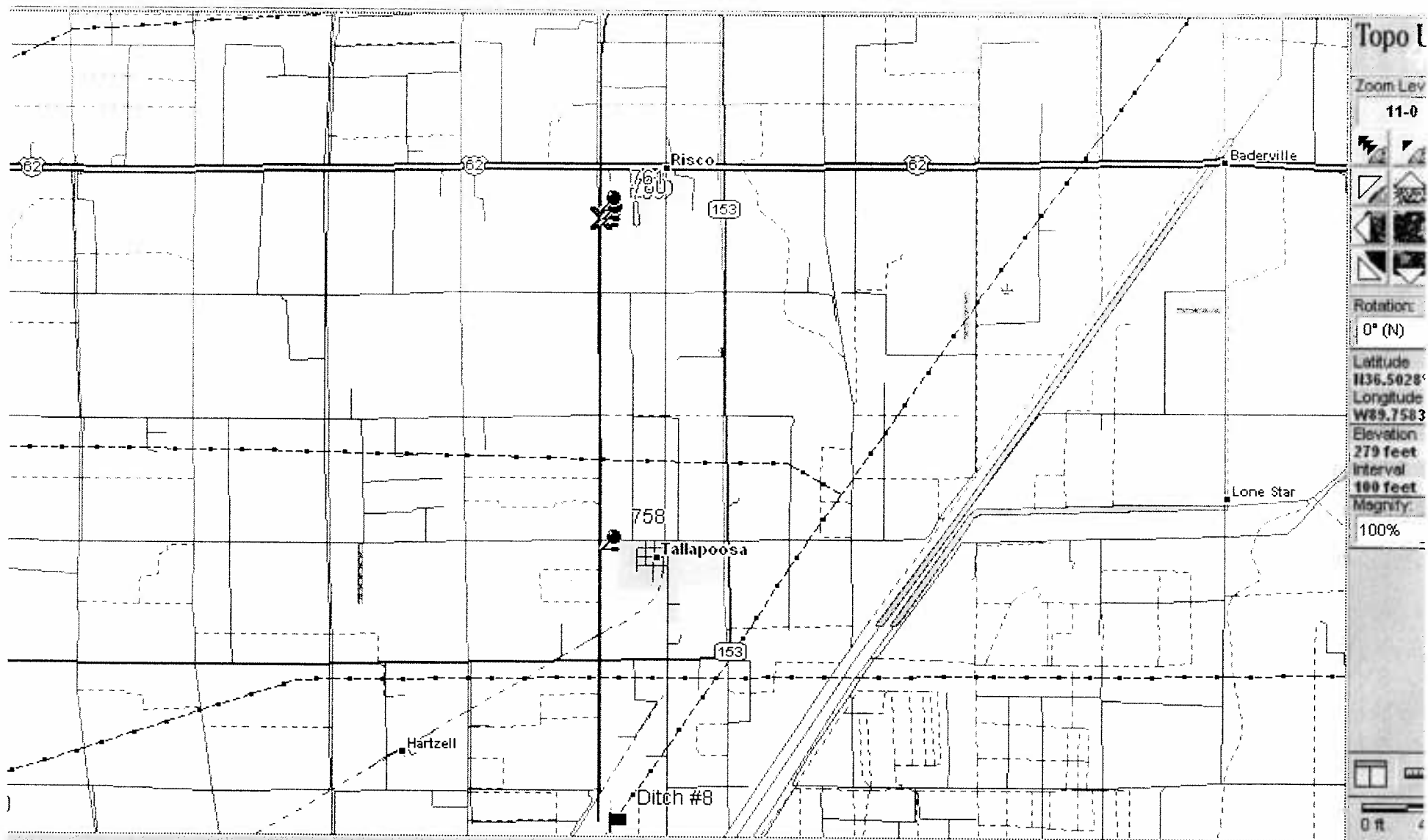
2

Date: 07/05/2006

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet A - Water Body Identification**

Water Body Name:	Ditch #8
WBID #:	3094
Upstream Coordinates: (WGS 84, ddd.ddddd)	36.64178, - 89.82861
Downstream Coordinates: (WGS 84, ddd.ddddd)	36.51020, - 89.82726
Current Weather Conditions:	<del>Q</del> <sup>SY 7-5-06</sup> HOT, DAY
Number of Sites Evaluated:	9
Name(s) of Surveyor(s):	Chad Barbour, John Roberts



Topo L

Zoom Lev

11-0

Rotation:

0° (N)

Latitude

1136.5028°

Longitude

W89.7583

Elevation

279 feet

Interval

100 feet

Magnify:

100%

id Print MapData Draw GPS Route Profile 3-D Map Display NetLink

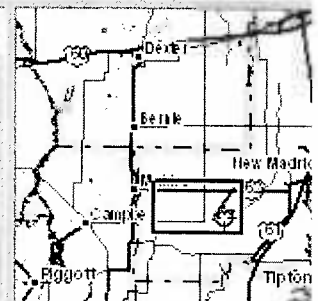
Advanced Search For: new madrid county, MO

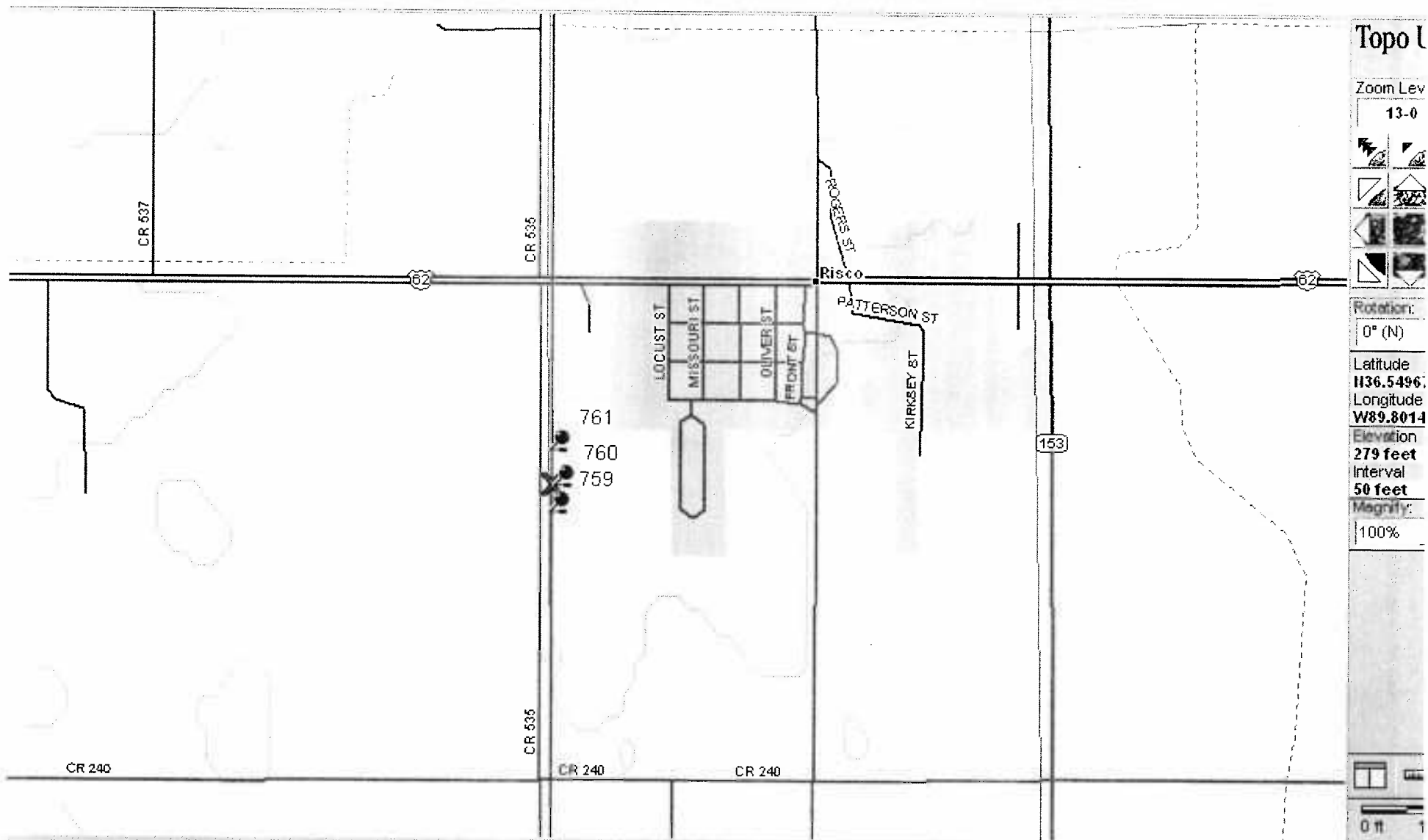
MapTags

Search

Go To

Name	City/Town	State	ZIP Code	US County	Category
New Madrid County		MO (...)		New Madrid County	US County (Re
New Madrid Farrenb...	New Madrid	MO (...)	63869	New Madrid County	Manmade Lan
New Madrid Floodway	Charleston	MO (...)	63834	Mississippi County	Other Land Fe
New Madrid township		MO (...)		New Madrid County	Township or C



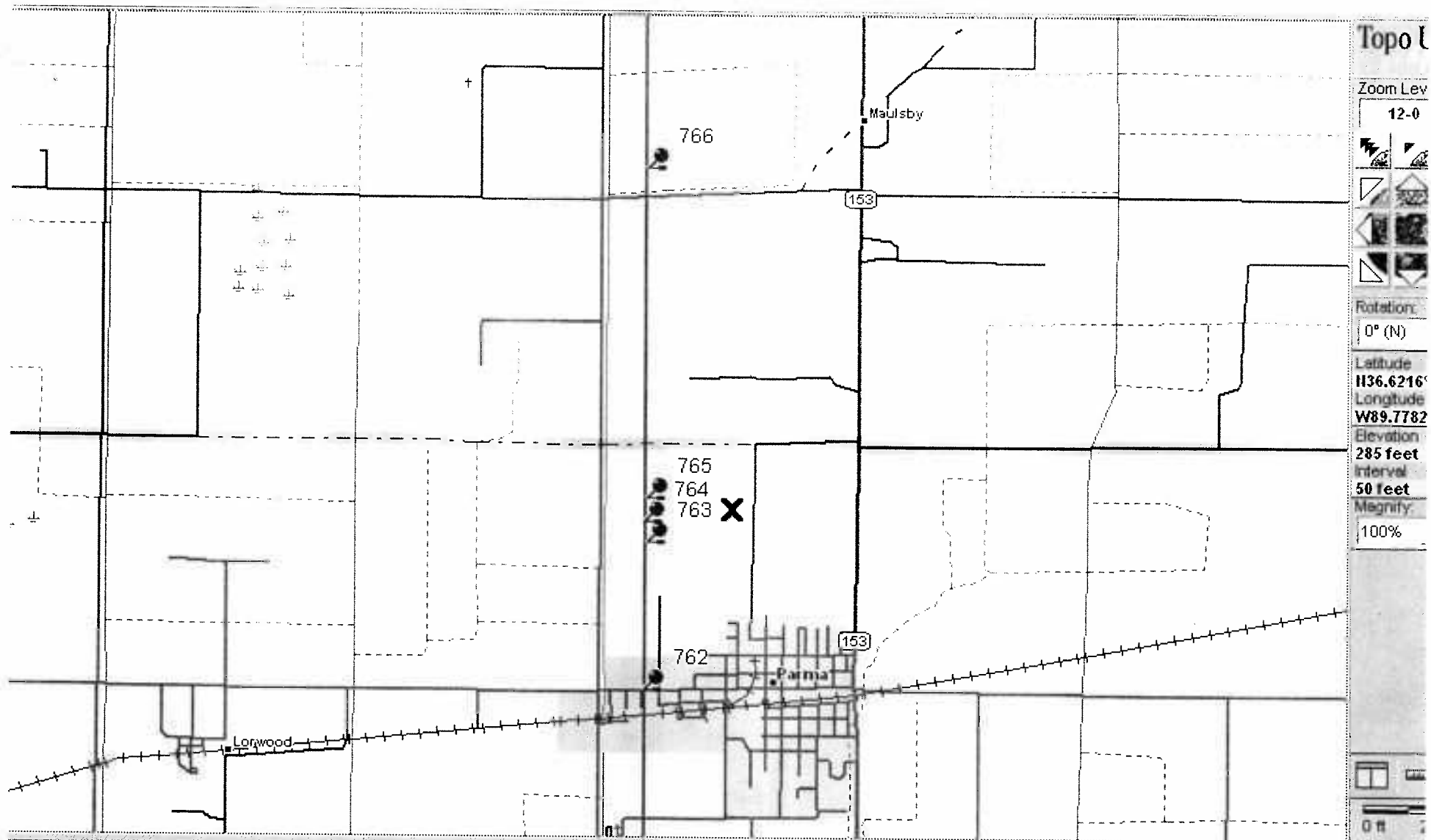


[id](#)
[Print](#)
[MapData](#)
[Draw](#)
[GPS](#)
[Route](#)
[Profile](#)
[3-D](#)
[Map Display](#)
[NetLink](#)

**kSearch**
 Search For:

☒ MapTags

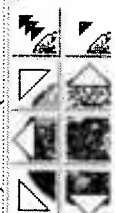
Name	City/Town	State	ZIP Code	US County	Category
✓ New Madrid County		MO (...)		New Madrid County	US County (Re
■ New Madrid Farrenb...	New Madrid	MO (...)	63869	New Madrid County	Manmade Lan
■ New Madrid Floodway	Charleston	MO (...)	63834	Mississippi County	Other Land Fe
✓ New Madrid township		MO (...)		New Madrid County	Township or C



Topo L

Zoom Lev

12-0



Rotation:

0° (N)

Latitude

N36.6216°

Longitude

W89.7782

Elevation

285 feet

Interval

50 feet

Magnify:

100%

id Print MapData Draw GPS Route Profile 3-D Map Display NetLink

kSearch Search For:

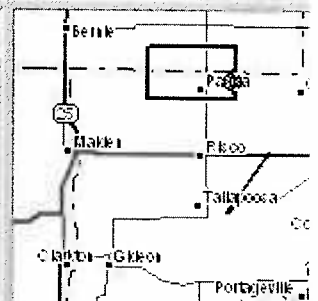
vanced new madrid county, MO

MapTags

Search

Go To

Name	City/Town	State	ZIP Code	US County	Category
✓ New Madrid County		MO (...)		New Madrid County	US County (Re
■ New Madrid Farrenb...	New Madrid	MO (...)	63869	New Madrid County	Manmade Lan
■ New Madrid Floodway	Charleston	MO (...)	63834	Mississippi County	Other Land Fe
✓ New Madrid township		MO (...)		New Madrid County	Township or L



WBID # 3094 Site # 758

3

Date: 06/15/2006**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization – 1 of 3**  
(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>36.51020</u>		Arrival Time: <u>1415</u>
Longitude (ddd.dddd): <u>084.82726</u> <u>Accl. 13.2 FT.</u>		
Photo Ids: Upstream: <u>0300</u>	Downstream: <u>0301</u>	Other: <u>0304 - DRAINAGE PITE (D.S.)</u> <u>0302 - ATV TRACKS ON BANK</u> <u>0303 - TRASH IN STREAM</u> <u>0305 - AQU. VEGETATION</u>

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)ROAD CROSSING AT ROUTE CR 248 & CR 535 INTERSECTION**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>AGRICULTURE</u>	

**Human Uses Observed\*:**

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Evidence of Human Use\*:**

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input checked="" type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> Other:				

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)AGRICULTURE, TRASH IN STREAM, SEE PHOTO 0303

*201 J. J. J.*  
06/15/2006

WEID # 3094 Site # 758

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Date: 06/15/2006

## Data Sheet B - Site Characterization - 2 of 3

## Stream Morphology:

Upstream View Physical Dimensions: 0.72, 0.80, 0.71m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>25m</u>	<u>7.4m</u>	<u>25m</u>	<u>0.74</u>	<u>0.80m</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m = 5s</u>					

Downstream View Physical Dimensions: 0.60, 0.90, 0.75

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>30m</u>	<u>4.0m</u>	<u>30m</u>	<u>0.75</u>	<u>0.90m</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m = 5s</u>					

## Substrate\*: (These values should add up to 100%.)

% Cobble	% Gravel	<u>80</u>	% Sand	<u>15</u>	% Silt	<u>5</u>	% Mud/Clay	% Bedrock
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## Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

PREVALENT AQUATIC VEGETATION THROUGHOUT REACH; SEE PHOTOS 0300, 0301, 0305  
40% OF STREAM AFFECTED.

## Water Characteristics\*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input checked="" type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input checked="" type="checkbox"/> Other: <u>VERY TURBID</u>
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Other: <u>SAND</u>
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Other: <u>ALGAE</u>

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.



WBID # 3094 Site # 758

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Date: 06/15/2006

### Data Sheet B - Site Characterization – 3 of 3

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

NONE

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WBID # 3094 Site # 758

Date: 06/15/2006

NONE

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**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information (if willing to provide):**

Name:

Address:

Telephone #:

WBID # 3094 Site # 759

3

Date: 06/15/2006**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization – 1 of 3**  
(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>36.54660</u>	Arrival Time:
Longitude (ddd.dddd): <u>089.82769</u> <u>ACL: 55.3 FT.</u>	<u>1450</u>
Photo Ids: Upstream: <u>0306</u> Downstream: <u>0307</u>	Other: <u>0309 - AQUATIC VEGETATION</u>

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)CR 535 APPROXIMATELY 500m DOWNSTREAM OF RT 62, CAUSING.**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>Agriculture</u>	

**Human Uses Observed\*:**

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Evidence of Human Use\*:**

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> Other: <u>NONE</u>				

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)AGRICULTUREQL: [Signature]06/15/2006

WBID # 3094 Site # 759

4

Date: 06/15/2006

## Data Sheet B - Site Characterization - 2 of 3

## Stream Morphology:

Upstream View Physical Dimensions: 0.54m 0.74m 0.66m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>12m</u>	<u>8.0m</u>	<u>12m</u>	<u>0.66</u>	<u>0.74m</u>
<input type="checkbox"/> Pool					
<input type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m/5sec.</u>					

Downstream View Physical Dimensions: 0.55m 0.70m 0.68m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>15m</u>	<u>8.5m</u>	<u>15m</u>	<u>0.64</u>	<u>0.70m</u>
<input type="checkbox"/> Pool					
<input type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m/8sec.</u>					

## Substrate\*: (These values should add up to 100%.)

% Cobble	% Gravel	% Sand	<u>80</u>	% Silt	<u>20</u>	% Mud/Clay	% Bedrock
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## Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

AQU. VEGETATION PREVALENT THROUGHOUT. SUBMERGED AND FLOATING ALGAE PREVALENT.  
SEE PHOTO 0309: 60% OF STREAM REACH AFFECTED

## Water Characteristics\*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input checked="" type="checkbox"/> Milky	<input type="checkbox"/> Other: <u>TURBID BROWN</u>
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Other: <u>ALGAE</u>

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3094 Site # 759

5

Date: 06 / 15 / 2006

**Data Sheet B - Site Characterization – 3 of 3**

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

NONE

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WBID # 3094 Site # 759

6

Date: 06/15/2006

NONE

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:

WBID # 3094 Site # 760

3

Date: 06 / 15 / 2006**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization – 1 of 3**

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>N 36.54761°</u>		Arrival Time:
Longitude (ddd.dddd): <u>W 089.827769°</u> <u>ACC: 17357</u>		<u>1515</u>
Photo Ids: Upstream: <u>0310</u>	Downstream: <u>0311</u>	Other: <u>0313 - AQUATIC VEGETATION</u>

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)CA 535 APPROXIMATELY 400M D.S. OF ROUTE 62.**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>Agriculture</u>	

**Human Uses Observed\*:**

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Evidence of Human Use\*:**

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> Other:				

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)AGRICULTURE

*QC: J. [Signature]*  
06/15/06

WBID # 3094 Site # 760

4

Date: 06/15/2006

## Data Sheet B - Site Characterization - 2 of 3

## Stream Morphology:

Upstream View Physical Dimensions: 0.66m 0.64m 0.60m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>25m</u>	<u>7.8m</u>	<u>25m</u>	<u>0.63m</u>	<u>0.66m</u>
<input type="checkbox"/> Pool					
<input type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m/5sec.</u>					

Downstream View Physical Dimensions: 0.66m 0.68m 0.66m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>20m</u>	<u>8.3m</u>	<u>20m</u>	<u>0.67m</u>	<u>0.68m</u>
<input type="checkbox"/> Pool					
<input type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m/6sec.</u>					

## Substrate\*: (These values should add up to 100%.)

% Cobble	% Gravel	% Sand	<u>80</u>	% Silt	<u>20</u>	% Mud/Clay	% Bedrock
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## Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

AQUATIC VEGETATION PREVALENT THROUGHOUT; SUBMERGED AND FLOATING ALGAE PREVALENT.  
SEE PHOTO 0313: 60% OF STREAM REACH AFFECTED

## Water Characteristics\*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input checked="" type="checkbox"/> Milky	<input type="checkbox"/> Other: <u>TURBID</u>
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Other: <u>ALGAE</u>

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.



WEID # 3094 Site # 760

5

Date: 06/15/2006

### Data Sheet B - Site Characterization – 3 of 3

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

NONE

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WBID # 3094 Site # 760

Date: 06/15/2006

6

*None*

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:

WBID # 3094 Site # 761

3

Date: 06/15/2006**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization – 1 of 3**

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>36.55333</u>	Arrival Time: <u>1550</u>
Longitude (ddd.dddd): <u>089.82752</u> <u>ACC: 12.4 FT.</u>	
Photo Ids: Upstream: <u>0315</u> Downstream: <u>0314</u>	Other: <u>0316 - DRAINAGE PIPE</u> <u>0317 - FISHING BOBBERS</u>

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)AT RT. 62 ROAD CROSSING: INTERSECTION OF RT. 62 AND CR 241**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>AGRICULTURE - SEE PHOTO 0315</u>	

**Human Uses Observed\*:**

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input checked="" type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)  
\* 3 BOBBERS FOUND WITHIN VICINITY OF ROAD CROSSING

**Evidence of Human Use\*:**

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input checked="" type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: <u>FISHING BOBBERS IN VICINITY - SEE PHOTO 0317.</u>				

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)ROADWAYS, AGRICULTURE.Q L: [Signature]06/15/2006

WBID # 3094 Site # 761

4

Date: 06/15/2006

## Data Sheet B - Site Characterization – 2 of 3

## Stream Morphology:

Upstream View Physical Dimensions: 0.70, 0.90, 0.78

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>5.0</u>	<u>6.5</u>	<u>5.0</u>	<u>0.79m</u>	<u>0.90</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m = 5s</u>					

Downstream View Physical Dimensions: 0.75, 0.75, 0.74

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>5.0</u>	<u>4.8</u>	<u>5.0m</u>	<u>0.75m</u>	<u>0.75</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m = 6s</u>					

Substrate\*: (These values should add up to 100%.)

% Cobble	% Gravel	% Sand	<u>80</u>	% Silt	<u>20</u>	% Mud/Clay	% Bedrock
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Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

AQUATIC VEGETATION, SUBMERGED AND FLOATING ALGAE THROUGHOUT, SEE PHOTOS 0315, 0314,  
40% OF STREAM BEDCH AFFECTED

Water Characteristics\*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input type="checkbox"/> Other: <u>TURBID CLAY</u>
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Other: <u>ALGAE</u>

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3094 Site # 761

5

Date: 06/15/2006

### Data Sheet B - Site Characterization – 3 of 3

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

NONE

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WBID # 3094 Site # 761

6

Date: 06/15/2006

*None*

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:

WBID # 3094 Site # 762

3

Date: 06/15/2006**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization - 1 of 3**

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>N 36.612910</u>	Arrival Time: <u>1600</u>
Longitude (ddd.dddd): <u>W 089.828720</u>	
Photo Ids: Upstream: <u>0318</u> Downstream: <u>0319</u>	Other: <u>0320- HOUSE AT TOP OF BANK</u> <u>0321- DRAINAGE PIPE</u> <u>0323- BIRPHOUSES ON</u> <u>STREAM EDGE, 5120m U.S. 0322- TRASH ON STREAM BANK</u>

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)AT INTERSECTION WITH ROUTE D**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>AGRICULTURE, RESIDENTIAL</u>	

SEE PHOTOS 0318 &amp; 0319

SEE PHOTO 0320

**Human Uses Observed\*:**

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Evidence of Human Use\*:**

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: <u>BIRPHOUSES AT STREAM EDGE, SEE PHOTO 0323</u>				

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)ROADWAYS, AGRICULTURE.QL: [Signature]

06/15/2006

WBID # 3094 Site # 762

4

Date: 06/15/2006

## Data Sheet B - Site Characterization - 2 of 3

## Stream Morphology:

\* ESTIMATED DUE TO DEPTH &amp; TURBIDITY

## Upstream View Physical Dimensions:

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	10m	6.0m	10m	> 1.0m *	> 1.5m *
<input type="checkbox"/> Pool					
<input type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec):					

## Downstream View Physical Dimensions:

1m\* 1.4m\* 0.8m\*

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	15m	5.3m	15m	1.4m*	1.8m*
<input type="checkbox"/> Pool					
<input type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): 1m/10sec.					

\*-ESTIMATED DUE TO DEPTH

## Substrate\*: (These values should add up to 100%.)

% Cobble	% Gravel	% Sand	30	% Silt	20	% Mud/Clay	% Bedrock
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## Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

MODERATE AMOUNT OF AQUATIC VEGETATION; 5% OF STREAM REACH AFFECTED.

## Water Characteristics\*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input checked="" type="checkbox"/> Other: TURBID, BROWN
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.



WBID # 3094 Site # 762

5

Date: 06 / 15 / 2006

### Data Sheet B - Site Characterization – 3 of 3

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

NONE

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WBID # 3094 Site # 762

Date: 06 / 15 / 2006

NONE

6

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_  
\_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_  
\_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:

WBID # 3094 Site # 763

3

Date: 06/15/2006**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization – 1 of 3**

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>36.62185</u>	Arrival Time:
Longitude (ddd.dddd): <u>089.82864</u> <u>ACC: 448 FT.</u>	<u>1700</u>
Photo Ids: Upstream: <u>0324</u> Downstream: <u>0325</u>	Other:

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)CR 535 1/4 MILE NORTH OF ROUTE D.**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>AGRICULTURE - ALONGSIDE BOTH BANKS</u>	

**Human Uses Observed\*:**

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Evidence of Human Use\*:**

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> Other:				

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)AGRICULTUREAL: J. J. J.06/15/06

WBID # 3094 Site # 763

4

Date: 06/15/2006

## Data Sheet B - Site Characterization - 2 of 3

## Stream Morphology:

Upstream View Physical Dimensions: 0.65, 0.65, 0.62m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>20m</u>	<u>7.0m</u>	<u>20m</u>	<u>0.64</u>	<u>0.65m</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Velocity (ft/sec): <u>1m = 6s</u>					

Downstream View Physical Dimensions: 0.75, 0.76, 0.75m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>10m</u>	<u>6.2m</u>	<u>10m</u>	<u>0.75</u>	<u>0.76m</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m = 6s</u>					

## Substrate\*: (These values should add up to 100%.)

% Cobble	% Gravel	% Sand	<u>80</u>	% Silt	<u>20</u>	% Mud/Clay	% Bedrock
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## Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

NONE

## Water Characteristics\*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input checked="" type="checkbox"/> Other: <u>TURBID BROWN</u>
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3094 Site # 763

5

Date: 06/15/2006

**Data Sheet B - Site Characterization – 3 of 3**

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

NONE

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WBID # 3094 Site # 763

Date: 06/15/2006

6

NONE

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:

WBID # 3014 Site # 764

3

Date: 06 / 16 / 2006**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization – 1 of 3**

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>36.63481</u>		Arrival Time: <u>0920</u>
Longitude (ddd.dddd): <u>089.80871</u> <u>Acc. 18.4 FT</u>		
Photo Ids: Upstream: <u>0330</u>	Downstream: <u>0331</u>	Other: <u>0332 - DRAIN PIPE</u> <u>0333 - TRAP</u> <u>0334 - HOUSE ON LEFT</u> <u>BANK</u>

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)AT INTERSECTION OF CR 788 & CR 779**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>AGRICULTURE</u>	

**Human Uses Observed\*:**

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input checked="" type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Evidence of Human Use\*:**

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: <u>BRIDGE TO HOME, SEE PHOTO 0334</u>				

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)AGRICULTURE; DRAINAGE PIPE - SEE PHOTO 0332

QU: *[Signature]*  
06/16/2006

WBID # 3014 Site # 764

4

Date: 06 / 16 / 2006

## Data Sheet B - Site Characterization – 2 of 3

## Stream Morphology:

Upstream View Physical Dimensions: 0.5, 0.56, 0.67m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>8m</u>	<u>5.8m</u>	<u>8m</u>	<u>0.58</u>	<u>0.67m</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m = 6s</u>					

Downstream View Physical Dimensions: 0.42, 0.46, 0.30m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>10m</u>	<u>6.0m</u>	<u>10m</u>	<u>0.39</u>	<u>0.46m</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m = 4s</u>					

## Substrate\*: (These values should add up to 100%.)

% Cobble	% Gravel	<u>5</u> % Sand	<u>80</u> % Silt	<u>15</u> % Mud/Clay	% Bedrock
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## Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

SMALL AMOUNT OF SUBMERGED ALGAE; ~ 10% OF STREAM AFFECTED

## Water Characteristics\*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input checked="" type="checkbox"/> Other: <u>SLIGHTLY TURBID</u>
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.



WBID # 3014 Site # 764

5

Date: 06/16/2006

### Data Sheet B - Site Characterization – 3 of 3

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

SITE RELOCATED TO BETTER ACCESS POINT.

WBID # 3094 Site # 264

6

Date: 06 / 16 / 2006

NONE

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_  
\_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_  
\_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:

WBID # 3094 Site # 765

3

Date: 06/16/2006**Field Data Sheets for Recreational Use Stream Surveys****Data Sheet B - Site Characterization – 1 of 3**

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>N 36.62370°</u>	Arrival Time: <u>0830</u>
Longitude (ddd.dddd): <u>W 089.82862°</u> ACC. 11.5 FT	
Photo Ids: Upstream: <u>0326</u> Downstream: <u>0327</u>	Other: <u>0328 - DRAG VAGE PIPE</u> <u>0329 - TRASH ON BANK</u>

**Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)CR 545 - ACCESS STREAM BANK TO RIGHT**Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>AGRICULTURE - SEE PHOTOS 0326, 0327.</u>	

**Human Uses Observed\*:**

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

**Evidence of Human Use\*:**

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: <u>TRASH ON BANK - SEE PHOTO 0329.</u>				

**Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)AGRICULTURE / AG DRAINAGEQC: 

06/16/2006

WBID # 3094 Site # 765

4

Date: 06/16/2006

## Data Sheet B - Site Characterization - 2 of 3

## Stream Morphology:

## Upstream View Physical Dimensions:

0.65m 0.68m 0.50m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	10m	6m	10m	0.61	0.68m
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): 1m/550L					

## Downstream View Physical Dimensions:

0.61m 0.83m 0.61m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	12m	8m	12m	0.68	0.83m
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): 1m/650L					

## Substrate\*: (These values should add up to 100%.)

% Cobble	% Gravel	5 % Sand	80 % Silt	15 % Mud/Clay	% Bedrock
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## Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

NONE

## Water Characteristics\*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input checked="" type="checkbox"/> Other: TURBID BROWN
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3094 Site # 765

5

Date: 06/16/2006

### Data Sheet B - Site Characterization – 3 of 3

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

NONE

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WBID # 3094 Site # 765

6

Date: 06/16/2006

*None*

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:

WBID # 3014 Site # 766

3

Date: 06 / 16 / 2006

# Field Data Sheets for Recreational Use Stream Surveys

## **Data Sheet B - Site Characterization – 1 of 3** (A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): <u>36.64178</u>	Arrival Time: <u>0945</u>
Longitude (ddd.dddd): <u>089.82861</u> ACC: <u>17.4 FT</u>	
Photo Ids: Upstream: <u>0332</u> Downstream: <u>0339</u>	Other: <u>0337 TRASH ON BANK</u> <u>0335 DRAINAGE PIPE</u> <u>0336 TRASH IN STREAM</u>

### **Narrative Description of Location:** (Describe access point to stream, nearby roads, landmarks, etc.)

AT CR 784 AND CROSSING; INTERSECTION OF CR 784 AND CR 779

### **Surrounding Conditions\*:** (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: <u>AGRICULTURE - SEE PHOTOS 0332 &amp; 0339</u>	

### **Human Uses Observed\*:**

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

### **Evidence of Human Use\*:**

<input checked="" type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swings	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> Other:				

### **Sources of Pollution:** (e.g., trash dumping, tires, drainages, discharges, etc.)

AGRICULTURE; AG DRAINAGE

QL: *[Signature]*  
06/16/2006

WBID # 3094 Site # 761

4

Date: 06 / 16 / 2006

## Data Sheet B - Site Characterization - 2 of 3

## Stream Morphology:

Upstream View Physical Dimensions: 0.62m 0.55m 0.55m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>8m</u>	<u>4m</u>	<u>8m</u>	<u>0.57</u>	<u>0.62m</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m / 3 sec.</u>					

Downstream View Physical Dimensions: 0.52m 0.64m 0.37m

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
<input type="checkbox"/> Riffle					
<input checked="" type="checkbox"/> Run	<u>18m</u>	<u>4m</u>	<u>18m</u>	<u>0.51</u>	<u>0.64m</u>
<input type="checkbox"/> Pool					
<input checked="" type="checkbox"/> Flow Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Velocity (ft/sec): <u>1m / 3 sec.</u>					

## Substrate\*: (These values should add up to 100%.)

% Cobble	% Gravel	<u>80</u>	% Sand	<u>10</u>	% Silt	<u>10</u>	% Mud/Clay	% Bedrock
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## Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site.)

SMALL AMOUNT OF SUBMERGED ALGAE ON OBSTRUCTIONS; 10% OF STREAM AFFECTED

## Water Characteristics\*: (Mark all that apply.)

Odor:	<input type="checkbox"/> Sewage	<input type="checkbox"/> Musky	<input type="checkbox"/> Chemical	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:
Color:	<input checked="" type="checkbox"/> Clear	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> Milky	<input type="checkbox"/> Other: <u>VERY SLIGHTLY TURBID</u>
Bottom Deposit:	<input type="checkbox"/> Sludge	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Fine sediments	<input type="checkbox"/> None	<input type="checkbox"/> Other:
Surface Deposit:	<input type="checkbox"/> Oil	<input type="checkbox"/> Scum	<input type="checkbox"/> Foam	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Other:

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.



WBID # 3094 Site # 766

5

Date: 06 / 16 / 2006

**Data Sheet B - Site Characterization -- 3 of 3**

**Comments:** Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

NONE

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WBID # 3094 Site # 766

6

Date: 05 / 16 / 2015

*NONE*

**Field Data Sheets for Recreational Use Stream Surveys**

**Data Sheet C – Interviews**

(Make additional copies as necessary for multiple interviews)

1. Do you live in the area? ☐ Yes ☐ No

If so, how long have you lived here? \_\_\_\_\_

2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often do you use it for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

3. Have you observed others using this water body for recreation since 1975? ☐ Yes ☐ No

If so, please check ALL that apply:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin diving	<input type="checkbox"/> SCUBA diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input type="checkbox"/> None of the above	<input type="checkbox"/> Other:

How often have you observed it being used for recreation?

G More than 5 times per year

G 1 – 5 times per year

G Less than 1 time per year – please describe: \_\_\_\_\_

4. Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact Information** (if willing to provide):

Name:

Address:

Telephone #:

**WBID# 3094**



**Site# 758 Photo ID# 0300, Upstream**



**Site# 758 Photo ID# 0301, Downstream**



**Site# 758 Photo ID# 0302, ATV tracks**



**Site# 758 Photo ID# 0303, Trash**



**WBID# 3094**



**Site# 758 Photo ID# 0304, Drainage pipe**



**Site# 758 Photo ID# 0305, Aquatic vegetation**



**Site# 759 Photo ID# 0306, Upstream**



**Site# 759 Photo ID# 0307, Downstream**



**WBID# 3094**



**Site# 759 Photo ID# 0309, Aquatic vegetation**



**Site# 760 Photo ID# 0310, Upstream**



**Site# 760 Photo ID# 0311, Downstream**



**Site# 760 Photo ID# 0313, Aquatic vegetation**



**WBID# 3094**



**Site# 761 Photo ID# 0315, Upstream**



**Site# 761 Photo ID# 0314, Downstream**



**Site# 761 Photo ID# 0316, Drainage pipe**



**Site# 761 Photo ID# 0317, Fishing bobbers**



**WBID# 3094**



**Site# 762 Photo ID# 0318, Upstream**



**Site# 762 Photo ID# 0319, Downstream**



**Site# 762 Photo ID# 0320, House**



**Site# 762 Photo ID# 0321, Drainage pipe**



**WBID# 3094**



**Site# 762 Photo ID# 0322, Trash**



**Site# 762 Photo ID# 0323, Birdhouses**



**Site# 763 Photo ID# 0324, Upstream**



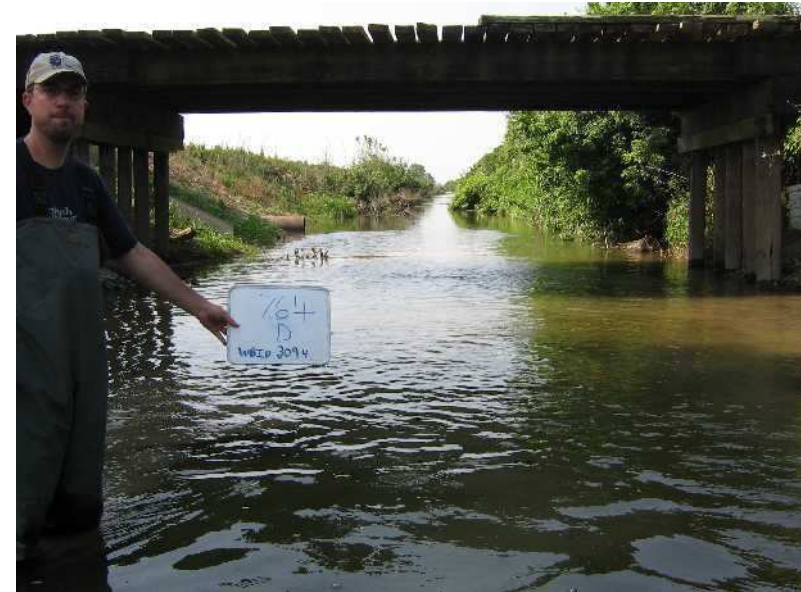
**Site# 763 Photo ID# 0325, Downstream**



**WBID# 3094**



**Site# 764 Photo ID# 0330, Upstream**



**Site# 764 Photo ID# 0331, Downstream**



**Site# 764 Photo ID# 0332, Drain pipe**



**Site# 764 Photo ID# 0333,**



**WBID# 3094**



**Site# 764 Photo ID# 0334, House**



**Site# 765 Photo ID# 0326, Upstream**



**Site# 765 Photo ID# 0327, Downstream**



**Site# 765 Photo ID# 0328, Drainage pipe**



**WBID# 3094**



**Site# 765 Photo ID# 0329, Trash**



**Site# 766 Photo ID# 0338, Upstream**



**Site# 766 Photo ID# 0339, Downstream**



**Site# 766 Photo ID# 0335, Drainage pipe**



**WBID# 3094**



**Site# 766 Photo ID# 0336, Trash**



**Site# 766 Photo ID# 0332, Trash**